

App. No. 10/808,987
Amendment Dated: May 30, 2007
Reply to final Office Action of March 30, 2007

Amendments to the Claims:

1. (Currently amended) A computer-implemented method of replicating data using a manifest file, comprising:

creating a manifest file at ~~the~~ a first member, the manifest file including an identifier of each of a plurality of resources of an application that exists at the first member;

causing the manifest file to be reproduced at ~~the~~ a second member;

in response to the manifest file being reproduced at the second member, identifying whether each resource identified in the manifest file exists at the second member by comparing each resource identified in the manifest file to a database that identifies resources of the second member;

when each resource identified in the manifest file does not exist at the second member, preventing the application identified in the manifest file from being ~~executed~~ updated to a system registry until each resource exists at the second member; and

when each resource identified in the manifest file does exist at the second member, updating the application to the system registry and executing the application identified in the manifest file.

2. (original) The computer-implemented method of claim 1, wherein identifying whether each resource exists at the second member includes comparing information in the manifest file with information stored at the second member, the information stored at the second member identifying a plurality of resources stored at the second member.

3. (Previously presented) The computer-implemented method of claim 1, wherein the identifier of each resource includes a version identifier associated with the resource.

4. (Previously presented) The computer-implemented method of claim 3, wherein identifying whether each resource exists at the second member includes comparing the version identifier of the resource with another version identifier associated with another copy of the resource stored at the second member.

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5. (Previously presented) The computer-implemented method of claim 1, further comprising when each resource does not exist at the second member, awaiting receipt of each resource at the second member and, in response to receiving each resource at the second member, executing the application.

6. (Previously presented) The computer-implemented method of claim 1, further comprising when each resource does not exist at the second member, awaiting receipt of every resource identified in the manifest file, and in response to a final resource identified in the manifest file being received at the second member, executing the application.

Claims 7-17 (canceled)

18. (Currently amended) A computer-readable storage medium having computer-executable instructions that facilitates ~~the~~ a replication of data using a manifest file, comprising:

receiving a notice that a resource in a group of resources is being modified, the group of resources being interrelated, wherein a proper functioning of the group of resources is dependent on a similar version of each resource in the group of resources coexisting;

in response to the notice, issuing an instruction to create a manifest file;

adding, to the manifest file, an identifier for each resource in the group of resources;

replicating the manifest file on a replication partner;

comparing the replicated manifest file to resources of the replication partner by comparing the identifier for each resource in the manifest file to a database that identifies resources of the replication partner;

delaying execution of the group of resources when the replicated manifest file does not match the resources of the replication partner, wherein delaying execution of the group of resources includes delaying a system registry update; and

updating a system registry and executing the group of resources when the replicated manifest file matches the resources of the replication partner.

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19. (Previously presented) The computer-readable storage medium of claim 18, wherein adding the identifier for each resource to the manifest file further comprises adding to the manifest file a globally-unique identifier for each resource.

20. (Previously presented) The computer-readable storage medium of claim 18, wherein adding the identifier for each resource to the manifest file further comprises adding to the manifest file a version identifier for each resource.

21. (Previously presented) The computer-readable storage medium of claim 18, wherein the manifest file includes an expiration.

22. (Previously presented) The computer-readable storage medium of claim 18, wherein delaying execution of the group of resources includes delaying execution of an installation file.

23. (Previously presented) The computer-readable storage medium of claim 18, wherein delaying execution of the group of resources includes delaying execution of an installation script.

24. (Cancelled)

25. (Previously presented) A computer system that facilitates the replication of data using a manifest file, comprising:

a first replication partner configured to create a manifest file that identifies each resource of a resource group;

a second replication partner configured to:

replicate the manifest file of the first replication partner;

compare each resource of the resource group to resources of the second replication partner;

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determine when the resources of the second replication partner includes each resource of the resource group;

lock access to resources of the second replication partner when the resources of the second replication partner do not include each resource of the resource group; and

execute the resource group when the resources of the second replication partner include each resource of the resource group.

26. (Previously presented) The system of claim 25, wherein the first replication partner is further configured to generate a change order that indicates modifications to the resource group.

27. (Previously presented) The system of claim 25, wherein the second replication partner is configured to replicate the manifest file of the first replication partner by fetching the manifest file.

28. (Previously presented) The system of claim 25, wherein the second replication partner is further configured to retire a change notification and store the change notification in an outbound log.

29. (Previously presented) The system of claim 25, wherein the second replication partner is further configured to retire a change notification and disseminate the change notification to other replication partners.

30. (Previously presented) The system of claim 25, wherein the manifest file includes an execution order.

31. (Previously presented) The system of claim 25, wherein the manifest file includes a security token.